

Exhibit 7

**IN THE UNITED STATES DISTRICT COURT
FOR THE WESTERN DISTRICT OF TEXAS
WACO DIVISION**

XR COMMUNICATIONS LLC
Plaintiff,

-v-

**CISCO SYSTEMS, INC., MERAKI,
LLC,**
Defendants.

6:21-CV-00623-ADA

XR COMMUNICATIONS LLC
Plaintiff,

-v-

**SAMSUNG ELECTRONICS
AMERICA, INC., SAMSUNG
ELECTRONICS CO., LTD.,**
Defendants.

6:21-CV-00626-ADA

XR COMMUNICATIONS LLC,
Plaintiff,

-v-

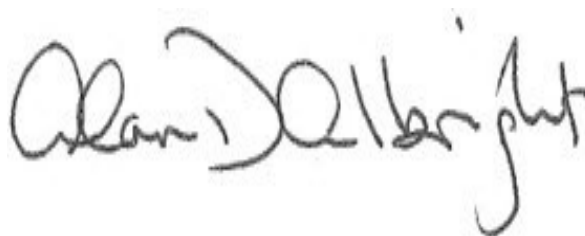
MICROSOFT CORPORATION,
Defendant.

6:21-CV-00695-ADA

CLAIM CONSTRUCTION ORDER

The Court held a *Markman* hearing on September 1, 2022. During that hearing, the Court provided its final constructions. The Court now enters those claim constructions.

SIGNED this 30th day of September, 2022.



Term	Plaintiff's Proposed Construction	Defendants' Proposed Construction	Court's Final Construction
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<p>#1: “signal transmission/reception coordination logic”</p> <p>U.S. Patent No. 8,289,939, All Asserted Claims</p> <p>Proposed by Defendants</p>	<p>Plain and ordinary meaning; no construction necessary.</p> <p>Alternative proposed construction, should the term be treated as a means-plus-function limitation:</p> <p>Function: <i>See below</i> for cl. 15, cl. 30.</p> <p><u>Claim 15</u>: ascertaining, by monitoring the plurality of access points for received signals, that: a first access point of the plurality of access points is receiving a first signal on a first channel, a second access point of the plurality of access points is receiving a second signal that is ongoing on a second channel, restrain[ing] at least a third access point of the plurality of access points from transmitting a third signal on a third channel responsive to the ascertaining that the first access point is receiving the first signal and that the second access point is receiving the second signal that is ongoing on the second channel,</p>	<p>Means-plus-function; indefinite for lack of corresponding structure.</p> <p>Function:</p> <p>Claim 15: ascertaining, by monitoring the plurality of access points for received signals, that: a first access point of the plurality of access points is receiving a first signal on a first channel, a second access point of the plurality of access points is receiving a second signal that is ongoing on a second channel, restrain[ing] at least a third access point of the plurality of access points from transmitting a third signal on a third channel responsive to the ascertaining that the first access point is receiving the first signal and that the second access point is receiving the second signal that is ongoing on the second channel,</p>	<p>Not subject to § 112, ¶ 6. Plain-and-ordinary meaning.</p>
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wherein the restraining at least the third access point prevents degradation to the first and second signals.

Claim 30: ascertaining, by monitoring the plurality of access points for received signals, that a first access point of the plurality of access points is receiving a first signal on a first channel, restrain[ing] at least a second access point of the plurality of access points from transmitting a second signal on a second channel different from the first channel responsive to the ascertaining that the first access point is receiving the first signal

Structure:

Signal transmission/reception logic 404 and/or MAC coordinator logic 606 and/or 6:151 and/or 6:65-7:20 and/or 9:11-59 and/or 11:19-12:21 and/or 14:28-15:22 and/or 15:23-65 and/or 16:53-67 and/or 18:12-55 and equivalents thereof.

wherein the restraining at least the third access point prevents degradation to the first and second signals

Claim 30: ascertaining, by monitoring the plurality of access points for received signals, that a first access point of the plurality of access points is receiving a first signal on a first channel, restrain[ing] at least a second access point of the plurality of access points from transmitting a second signal on a second channel different from the first channel responsive to the ascertaining that the first access point is receiving the first signal.

Term	Plaintiff's Proposed Construction	Defendants' Proposed Construction	Court's Final Construction
	<p>The corresponding structure of “signal transmission/reception logic 404” includes the characteristics and configuration set forth for the signal transmission/reception coordination logic 404 (and the MAC coordinator logic 606, which is subsumed within the corresponding structure of the signal transmission/reception coordination logic 404) in the '939 Patent, including at 6:1-51 and/or 6:65-7:20 and/or 9:11-59 and/or 11:19-12:21 and/or 14:2815:22 and/or 15:23-65 and/or 16:53-67 and/or 18:12-55, and equivalents thereof</p>		

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#2: "IEEE 802.11 standard" U.S. Patent No. 8,289,939, Cls. 3, 19, 32 "802.11 Standard" U.S. Patent 10,594,376 Patent, Cls. 10, 21 Proposed by Defendants	Plain and ordinary meaning.	"One of the IEEE 802.11 standards that existed at the time of the invention."	Plain-and-ordinary meaning.
#3: "transmission nulls" U.S. Patent 10,594,376, Cls. 1, 12, 22, 30, 32; U.S. Patent No. 10,715,235, Cls. 2, 4, 8, 12, 16 Proposed by Defendants	Plain and ordinary meaning, which is "portions of one or more spatially distributed patterns of electromagnetic signals where transmissions of no or insignificant energy are selectively directed."	"portions of one or more spatially distributed transmission patterns of electromagnetic signals where transmissions of no or insignificant energy are selectively directed."	Plain and ordinary meaning wherein the plain-and-ordinary meaning is "portions of one or more spatially distributed patterns of electromagnetic signals where transmissions of no or insignificant energy are selectively directed."

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<p>#4: "transmission peaks"</p> <p>U.S. Patent 10,594,376, Cls. 1, 12, 22, 30, 32; U.S. Patent No. 10,715,235, Cls. 2, 4, 8, 12, 16</p> <p>Proposed by Defendants</p>	<p>Plain and ordinary meaning.</p> <p><i>Alternatively</i>, "portions of one or more spatially distributed patterns of electromagnetic signals where transmissions of <u>significant</u> energy are selectively directed / portions of one or more spatially distributed transmission patterns of electromagnetic signals where transmissions of <u>significant</u> energy are selectively directed."</p>	<p>"portions of one or more spatially distributed transmission patterns of electromagnetic signals where transmissions of <u>maximum</u> energy are selectively directed."</p>	<p>Plain-and-ordinary meaning¹</p> <p>¹ – Note not for the jury: The plain-and-ordinary meaning of "transmission peaks" includes relative maxima.</p>
<p>#5: "third signal comprising content based on the set of weighting values"</p> <p>U.S. Patent No. 10,715,235, Cls. 1, 8 and 15</p> <p>Proposed by Defendants</p>	<p>Plain and ordinary meaning.</p>	<p>"third signal carrying content, wherein the content is based on the set of weighting values"</p> <p><i>Alternatively</i>, "third signal comprising content that is based on the set of weighting values"</p>	<p>Plain-and-ordinary meaning wherein the plain-and-ordinary means that the "third signal" is 'based on the set of weighting values.'</p>

Term	Plaintiff's Proposed Construction	Defendants' Proposed Construction	Court's Final Construction
<p>#6: “the set of weighting values is configured to be used by the remote station to construct one or more beam-formed transmission signals”</p> <p>U.S. Patent No. 10,715,235, Cl. 8</p> <p>“the set of weighting values is configured to be used by the transceiver to construct one or more beam-formed transmission signals”</p> <p>U.S. Patent No. 10,715,235, Cls. 1, 15</p> <p>Proposed by Defendants</p>	<p>Plain and ordinary meaning, not indefinite.</p>	<p>Indefinite.</p>	<p>Not indefinite. Plain-and-ordinary meaning.</p>
<p>#7: “remote station”</p> <p>U.S. Patent No. 10,715,235, Cls. 1, 4, 8, 9, 12, 15</p> <p>Proposed by Defendants</p>	<p>Plain and ordinary meaning.</p>	<p>Plain and ordinary meaning, which is “remote client device.”</p>	<p>Plain and ordinary meaning.</p>